.ź.____

DOCKET NO.: MSFT-2947/307245.01

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Wei Xiao Confirmation No.: Not Yet Assigned

Application No.: Herewith Group Art Unit: Not Yet Assigned

Filing Date: Herewith Examiner: Not Yet Assigned

For: SYSTEM AND METHOD FOR A SNAPSHOT QUERY DURING DATABASE

RECOVERY

EXPRESS MAIL LABEL NO: EL999282278US

DATE OF DEPOSIT: March 29, 2004

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or

	before the mailing d	ate of a first Office Action after the filing of request for				
	continued examination under § 1.114, no additional fee is required.					
	In accordance with § 1.129(a), this Information Disclosure Statement is being					
	filed in connection with [] the first or [] second After Final Submission,					
	therefore:					
	☐ Certif	ication in Accordance with § 1.97(e) is attached; or				
	The fe	ee of \$180.00 as set forth in § 1.17(p) is attached.				
	In accordance with § 1.97(c), this Information Disclosure Statement is being					
	filed after the period set forth in § 1.97(b) above but before the mailing date of					
	either a Final Action	under § 1.113 or a Notice of Allowance under § 1.311, or				
	otherwise closes prosecution in the application, therefore:					
		Certification in Accordance with § 1.97(e) is attached;				
		or				
		The fee of \$\frac{\\$180.00}{}\$ as set forth in \\$ 1.17(p) is attached.				
	In accordance with § 1.97(d), this Information Disclosure Statement is being					
	filed after the mailing date of either a Final Action under § 1.113 or a Notice					
	of Allowance under § 1.311 but before, or simultaneously with, the payment					
	of the Issue Fee, therefore included are: Certification in Accordance with §					
	1.97(e); and the submission fee of <u>\$180.00</u> as set forth in § 1.17(p).					

DOCKET NO.: MSFT-2947/307245.01 - 3 - PATENT

\boxtimes	Copie	Copies of each of the references listed on the attached Form PTO-1449 are				
	enclosed herewith.					
	Copies of references listed on the attached Form PTO-1449 are enclosed					
	ith					
	Copies of references listed on the attached Form PTO 1449 are not required					
	be submitted pursuant to the June 30, 2003 recent revisions to 37 C. 1.98(a)(2)(i).					
	EXCEPT THAT:					
		In view of the voluminous nature of references [list as appropriate],				
		and the likelihood that these references are available to the Examiner,				
		copies are not enclosed herewith.				
		In accordance with § 1.98(d), copies of the following references listed				
	on the attached Form PTO-1449 are not enclosed herewith because					
	they were previously cited by or submitted to the U.S. Patent and					
	Trademark Office in patent application(s) for which a claim for priority					
	under 35 U.S.C.§ 120 have been made in the instant application:					
		Copies of references [list as appropriate] listed on the				
		attached Form PTO-1449 were previously cited by or submitted				
		to the Patent and Trademark Office in prior Application No.				
		, filed .				

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date: March 29, 2004

Jerome G. Schaefer Registration No. 50,800

WOODCOCK WASHBURN LLP One Liberty Place - 46th Floor Philadelphia, PA 19103 Telephone: (215) 568-3100 Facsimile: (215) 568-3439

© 2004 WW

Form PTO-1449 Modified	Docket No. MSFT-294	37/307245.01	Application No. Herewith					
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)	Applicant Wei Xiao	1 **						
U.S. Department of Commerce Patent and Trademark Office	Filing Date Herewith	;	Group Not Yet Assigned					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	2001 ACM SIGMOD International Conference on Management of Data, 2001, 593-							
Information Syst Conference on M	Lomet, D. et al., "Efficient Transparent Application Recovery in Client-Server Information Systems", Proceedings of the 1998 ACM SIGMOD International Conference on Management of Data, 1998, 460-471							
Granularity Lock	Mohan, C. et a.l., "ARIES: A Transaction Recovery Method Supporting Fine-Granularity Locking and Partial Rollbacks Using Write-Ahead Logging", ACM Transactions on Database Systems, 1992, 17(1), 94-162							
EXAMINER		DATE CONSIDERED						